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① D21C9/00E2J
② D21H1/02J
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Paper and Board Specialties

1106-20

A file folder is slotted for ease of installation of an elastic closure element.
L.G.S.

Cl.604/385A. Filed: U.S. appln. 668,234 (Nov. 5, 1984). Priority: Jap. appln. 208,705/83 (Nov. 7, 1983).

1107. Donnelly, G. M.; General Foods Corp.
Computer-Assisted Laboratory Notebook Kit.
U.S. pat. 4,620,726. Issued Nov. 4, 1986. 6 claims. 5 p.
Cl.282/1R. Filed: U.S. appln. 806,891 (Dec. 9, 1985).

A computer-assisted laboratory notebook kit comprises a shrink-wrapped packet of paper sheets including a separate title page, one or more separate table-of-contents pages, and a continuous strip of fan-folded two-ply sequentially numbered paper sheets. All the sheets are punched for fastening in binders.
F.J.L.

1108. Fleischer, G. R.; Glashagel, B. B.; Harke, E. W.; Sokolowski, R. C.; Fay, J. E.; Kimberly-Clark Corp.
Agglomerated Cellulosic Particles.
U.S. pat. 4,621,011. Issued Nov. 4, 1986. 39 claims. 8 p.
Cl.428/221. Filed: U.S. appln. 782,242 (Sept. 30, 1985). Priority: U.S. appln. 602,276 (April 24, 1984). U.S. appln. 482,366 (April 5, 1983). U.S. appln. 463,100 (Feb. 2, 1983).

Fibrous material derived from waste paper or the like is agglomerated into particulate form in the presence of water, and the surfaces of the particles are compacted to a smooth condition. After drying, the particles are of use as a cat litter.
F.J.L.

1109. Gaudin, A.
Slots in Paper or Plastic Flap for Maintaining Loose Sheets in a Folder.
Fr. pat. 2,567,454. Demande Jan. 17, 1986. 6 claims. 4 p.
Filed: Fr. appln. 18,267/83 (Nov. 17, 1983).

A file folder is provided with a slotted lateral flap designed to secure loose sheets of various size within the folder.
L.G.S.

1110. Havekost, H.
Folded Book.
Ger. pat. 3,516,491. DOS Oct. 13, 1986. 2 claims. 11 p.

A book consists of four triangular blocks combined via a special cover into one unit and is of particular use as a special textbook and in advertising. The cover can also be used separately in advertising.
L.G.S.

1111. Horikoshi, T.; Igarashi, A.; Matsumoto, F.; Oji Paper Co. Ltd.
Disposable Diaper.
Jap. pat. Kokai 289,101/86. Dec. 19, 1986. 4 p. Cl.A41B13/02.
Filed: Jap. appln. 130,788/85 (June 18, 1985).

On a liquid-impermeable sheet such as a polyethylene film are placed, in order, a thin paper sheet, a highly liquid adsorptive polymer (adsorptivity of artificial urine, more than 50 g/g) such as polyacrylic acid-pulp mixture, a pulp sheet (adsorptivity of artificial urine, less than 40 g/g), a thin paper sheet, and a liquid-permeable sheet such as a rayon nonwoven fabric. Heat sealing yields a disposable diaper, which prevents rewetting.
N.I.

JP 61272050

1112. Horikoshi, T.; Tanaka, R.; Oji Paper Co. Ltd.
Liquid Adsorptive Sheet.
Jap. pat. Kokai 272,050/86. Dec. 2, 1986. 3 p. Cl.A61F13/18.
Filed: Jap. appln. 112,247/85 (May 27, 1985).

A cyclodextrin (1 part) and ethyl alcohol (2-5 parts) are mixed to form a clathrate. The clathrate (0.1-0.5 wt.%) obtained is sprayed or spread onto an adsorbent such as pulp. The adsorbent as a deodorant and microbicide is used in conjunction with a water adsorptive polymer to produce a disposable diaper or sanitary napkin.
N.I.

1113. Ito, O.; Mizutani, H.; Nishizawa, K.; Kao Corp.
Disposable Diaper.
U.S. pat. 4,623,342. Issued Nov. 18, 1986. 9 claims. 5 p.

A disposable diaper is constructed to improve sealing around its edges during use. To this end, the diaper includes both elastic elements and water-absorbent fiber strings which contract lengthwise and become stretchable when wet. The elastic elements provide initial sealing and are augmented by the strings when the latter are wetted with urine.
F.J.L.

1114. Jean, G.; Catonnerie Jean SA.
Intermediary Material for Stacking and Protecting Wheel Rims or the Like.
Fr. pat. 2,567,852. Demande Jan. 24, 1986. 3 claims. 8 p.
Filed: Fr. appln. 11,492/84 (July 17, 1984).

Paperboard spacers are especially designed for the protective stacking of wheel rims or the like.
L.G.S.

1115. Kaule, W.; GAO Gesellschaft fur Automation & Organisation mbH.
Stamps such as Postage Stamps and Process for Manufacturing Same.
Ger. pat. 3,514,862. DOS Oct. 30, 1986. 16 claims. 16 p.

Postage stamps incorporate preferably in their adhesive layer a marking material (e.g., a fluorescent material) permitting machine authentication.
L.G.S.

1116. Luceri, T. J.; Personal Products Co.
Absorbent Product with Color Contrasted Cover Pattern.
U.S. pat. 4,623,340. Issued Nov. 18, 1986. 24 claims. 9 p.
Cl.604/385R. Filed: U.S. appln. 532,890 (Sept. 16, 1983).

This invention relates to an absorbent pad product such as a disposable diaper or sanitary napkin having a cover which is provided with an aesthetically pleasing embossed pattern. According to the invention, the pattern is rendered more apparent by forming the cover of inner and outer layers, the outer layer being light-colored and the inner layer being darker, and coembossing the two. The depressed areas in the outer surface of the final product are darker than the surrounding area, and thus more visible.
F.J.L.

1117. Maehashi, K.
Forms Such as a Notebook and the Like.
U.S. pat. 4,620,725. Issued Nov. 4, 1986. 3 claims. 6 p.
Cl.281/45. Filed: U.S. appln. 590,340 (March 16, 1984). Priority: Jap. appln. 50,016/83 (April 4, 1983). Jap. appln. 63,458/83 (April 26, 1983). Jap. appln. 63,459/83 (April 26, 1983).

A notebook or the like includes two covers and a number of pages. Magnetic means are included in the covers and in the outer pages so as to hold the pages in the book and also to hold the covers closed.
F.J.L.

1118. Mayer, Ernst, Briefhullenfabrik GmbH. & Co.
Letter Envelope with Window.
Ger. pat. 3,526,012. DOS Aug. 7, 1986. 6 claims. 11 p.

A letter envelope is provided with a window and associated pocket for insertion of an address card.
L.G.S.

1119. Moskovits, M.
Liner Paper for Paper Articles.
Fr. pat. 2,568,186. Demande Jan. 31, 1986. 1 claims. 4 p.
Filed: Fr. appln. 9,868/83 (June 15, 1983).

Sheets of paper of use in protectively covering textbooks, notebooks, or the like are printed in a manner permitting identifying the subject fields of the books.
L.G.S.

1120. Nakanishi, T.; Yukikata, R.; Shirai, H.; Ikeda, M.; Kao Corp.
Molding of Sanitary Napkin.